



Atty. Dkt. No. 032026-0754

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Luke J. Mawst, et al.

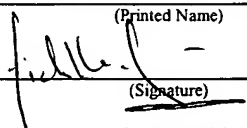
Title: TYPE II QUANTUM WELL MID-
INFRARED OPTOELECTRONIC
DEVICES

Appl. No.: 10/772,573

Filing Date: 2/5/2004

Examiner: Thomas L. Dickey

Art Unit: 2826

<p align="center">CERTIFICATE OF MAILING</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.</p> <p align="center"><u>Michelle Manning</u> (Printed Name)</p> <p align="center"><u></u> (Signature)</p> <p align="center"><u>July 10, 2006</u> (Date of Deposit)</p>

AMENDMENT AND REPLY UNDER 37 CFR 1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Non-Final Office Action dated February 9, 2006, concerning the above-referenced patent application. The initial deadline for responding to the Office Action expires on May 9, 2006. Therefore, with the granting of the accompanying petition for a two month extension of time, Applicants believe this response is timely filed.

The Patent Office is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-2350. For the purpose of charging said Deposit Account, a duplicate of page one and the signature page of this response is submitted herewith.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this document.

Remarks/Arguments begin on page 10 of this document.

Please amend the application as follows: